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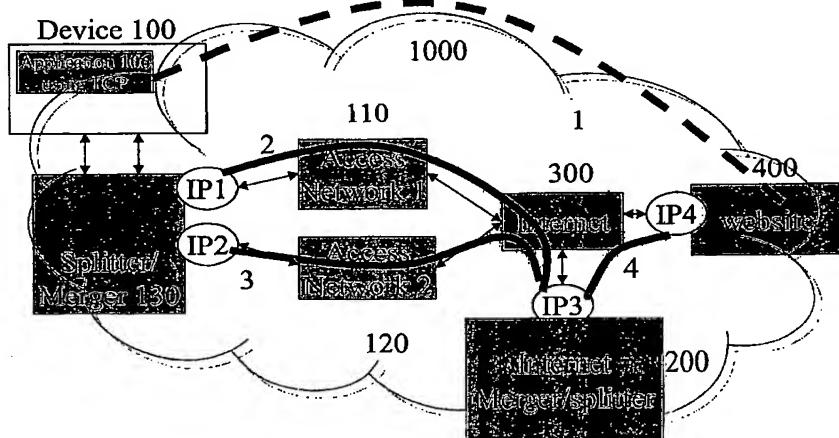
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## (54) Title: METHOD OF AND SYSTEM FOR MULTI-PATH COMMUNICATION



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(57) **Abstract:** The invention relates to a method of and to a system (1000) for dealing with network congestion. A first internet-working device (100) may have several paths available (110; 120) for accessing a second device (400) through a network (AN1; AN2). The first device may e.g. have a low-bandwidth connection that is always operational and/or a high-bandwidth connection which is only operational when the device in its docking station. The basic concept of the invention is embodied in a splitter/merger device (130) that proxies a connection (1), such as a TCP-connection, splits the connection (1) into multiple separate connections (2, 3) which are available, and routes packets (140) over these multiple connections to an external splitter/merger component (200). The splitter/merger device (130; 134; 142; 144; 152) divides the packets over the available connections in dependence of the progress of transport along each of these connections (2, 3). The functions of the splitter/merger components (130; 200) are symmetric and mirrored if there is both incoming (620; 140, 600) and outgoing (140; 500, 620) traffic.